

AIRCRAFT DISPATCHER

UNIT 7 – IAMS/CAHIS

INSTRUCTIONS TO THE INSTRUCTOR

A knowledgeable instructor is required for this unit.

This unit can be taught concurrently with Unit 8 by splitting the class into two groups. Half of the class attends the Unit 7 presentation during the morning session while the other group attends the Unit 8 presentation. The groups switch presentations for the afternoon session.

A computer lab is preferred to present this unit. However, the course could be presented by the instructor without students actually accessing a computer and the IAMS/CAHIS program. If a computer lab is available, provide one computer per student if possible—at least one computer for every two students. The instructor will need to access the lab the day before the class in order to download the IAMS/CAHIS stand-alone program onto each computer. The lab should have a large screen and LCD projector to project the instructor's computer screen so that students can follow along. The instructor will need to reset the computers between the sessions so the next group has a fresh IAMS/CAHIS screen.

An IAMS User Guide and TFR Guide must be included in the Student Guide. To ensure that the most current versions are available for students, the instructor should download both guides from www.nifc.blm.gov by selecting the “Aviation” hyperlink. Insert the IAMS User Guide in Student Appendix B and the TFR Guide in Student Appendix C.

The FAA releases a new data set for IAMS/CAHIS every 28 days; the military, every 56 days. Therefore, IAMS/CAHIS must be updated every 28 days. The instructor should recommend to students that IAMS/CAHIS not be placed on all local office computers. Download IAMS/CAHIS on the Aircraft Desk computer, if they have one.

NOTES

DETAILED LESSON OUTLINE

COURSE:	Aircraft Dispatcher
UNIT:	7 - IAMS/CAHIS
LESSON:	NA
TIME:	4 hours
TRAINING AIDS:	Computer lab (if available), overhead projector or computer and computer projector and CD-ROM, projection screen; VCR; flip chart, markers, masking tape or tacks; handouts; IAMS User Guide; TFR Guide
OBJECTIVES:	<p>Given a simulated wildland fire incident scenario, case study or exercise, students will be able to:</p> <ul style="list-style-type: none">• Describe IAMS/CAHIS and its uses.• Identify IAMS/CAHIS users.• Obtain and update IAMS/CAHIS.

OUTLINE	AIDS & CUES
INTRODUCE UNIT 7	07-01-ACDP-EP
PRESENT UNIT OBJECTIVES	07-02-ACDP-EP
I. IAMS/CAHIS	07-03-ACDP-EP
A. Initial Attack Management System (IAMS)/ Computer-Aided Hazard and Information System (CAHIS)	
B. IAMS/CAHIS decreases the workload of dispatchers in assessing aviation data.	

OUTLINE	AIDS & CUES
<p>C. IAMS/CAHIS increases the speed and accuracy of obtaining aviation information, providing for increased safety and efficiency.</p> <p>II. WHO SHOULD USE IAMS/CAHIS?</p> <p>A. Aviation Dispatchers</p> <p>B. Aviation Managers</p> <p>C. Federal Aviation Administration</p> <p>D. Military</p> <p>III. WHERE DO I GET IAMS/CAHIS?</p> <ul style="list-style-type: none"> • http://www.nifc.blm.gov • Click on “Aviation” <p>IV. HOW DO I DOWNLOAD/UPDATE IAMS/CAHIS?</p> <p>SIMULATE DOWNLOADING/UPDATING IAMS/CAHIS FROM THE WEB BY USING THE POWERPOINT PRESENTATION. NOTIFY STUDENTS THAT THEY ARE TO WATCH THE PROCESS AND NOT PERFORM THE DOWNLOAD ON THEIR WORKSTATIONS.</p> <p>ADVISE STUDENTS THAT FTP SITES ARE ALSO AVAILABLE FOR DOWNLOADING THE PROGRAM.</p> <p>NOTIFY STUDENTS THAT SYSTEM ADMINISTRATORS MAY HAVE TO INSTALL THE PROGRAM DUE TO INFORMATION TECHNOLOGY (IT) SECURITY CONCERNS.</p> <p>A. Select “Installation/Update of IAMS software and data.”</p>	<p></p> <p>07-04-ACDP-EP</p> <p>07-05-ACDP-EP</p> <p>07-06-ACDP-EP</p>

OUTLINE	AIDS & CUES
B. Select either “NIFC BLM” or “US Forest Service” under the Install From the Web section.	07-07-ACDP-EP
C. Select “InstallShield Wizard” button to Install/Update.	07-08-ACDP-EP
D. Select the “Next” button.	07-09-ACDP-EP
E. Select “Install Now” then the “Install” button.	07-10-ACDP-EP
F. Select the “Finish” button.	07-11-ACDP-EP
<p>REFER STUDENTS TO THE IAMS USER GUIDE THAT THE INSTRUCTOR OR COURSE COORDINATOR PRINTED AND INSERTED IN THE STUDENT APPENDIX.</p> <p>ADVISE STUDENTS THE IAMS USER GUIDE IS ALSO AVAILABLE AT WWW.NIFC.BLM.GOV.</p>	SW Appendix B
V. IAMS/CAHIS TOOLBARS	
<p>HAVE STUDENTS CLICK ON THE IAMS/CAHIS ICON TO OPEN THE IAMS/CAHIS PROGRAM.</p> <p>INSTRUCT STUDENTS TO FOLLOW ALONG WITH THE INSTRUCTOR AND NOT JUMP AHEAD OF THE CLASS.</p> <p>REVIEW EACH BUTTON AND THE COORESPONDING IAMS/CAHIS FUNCTION ON THE BUTTON BAR WITH STUDENTS.</p>	
A. Button Bar	
1. Zoom In	
<p>Allows the user to “zoom into” an area of interest within the view (geographic area) that is displayed on the screen</p>	07-12-ACDP-EP

OUTLINE	AIDS & CUES
<p>To zoom into a specific area provides a view with greater detail.</p> <ul style="list-style-type: none"> • Fixed Method • Free Method <p>NOTE: The Zoom option can also be accessed through “<i>Zoom</i>” on the Menu Bar or Ctrl + Z.</p> <p>IAMS/CAHIS TOOL: CHOOSING THE “FIXED” ZOOM-IN METHOD GIVES A MORE ACCURATE SELECTION THAT IS PROPORTIONATE TO THE SCREEN AREA. TO SELECT THIS SETTING, CLICK “SETTINGS” FROM THE MENU BAR; CLICK “ZOOM-IN METHOD” FROM THE DROP-DOWN MENU; THEN CLICK FIXED.</p> <p>TO SELECT A ZOOM-IN AREA, CLICK THE UPPER LEFT PORTION OF THE AREA AND THEN CLICK THE LOWER RIGHT PORTION OF THE AREA. DO NOT CLICK AND DRAG TO SELECT THE AREA TO ZOOM.</p> <p>HAVE STUDENTS CREATE A MAP TO WORK WITH DURING THE TRAINING SESSION. ALL STUDENTS SHOULD HAVE RELATIVELY THE SAME GEOGRAPHIC AREA. (I.E., SELECT THE GREAT BASIN GEOGRAPHIC AREA.)</p> <p>2. Distance Tool</p> <p>Allows the user to select a series of points within the view (geographic area) that is displayed on the screen; the distance between each point is shown, as well as the total distance.</p>	

OUTLINE	AIDS & CUES
<p data-bbox="492 281 1096 401">NOTE: The Distance option can also be accessed through “<i>Tools</i>” on the Menu Bar or Ctrl + D.</p> <p data-bbox="204 441 1011 516">HAVE STUDENTS SELECT POINTS AND FIND DISTANCE.</p> <p data-bbox="396 556 626 594">3. Overlays</p> <p data-bbox="492 630 1029 709">Allows the user to add, remove, and modify overlays</p> <p data-bbox="492 745 1086 865">The overlays are the features to display, such as BLM district boundaries, rivers, interstates, etc.</p> <p data-bbox="492 903 1101 1022">NOTE: The Overlays option can also be accessed through “<i>Select</i>” on the Menu Bar or Ctrl + O.</p> <p data-bbox="204 1062 1060 1182">HAVE STUDENTS SELECT THREE OR FOUR LAND OWNERSHIP AGENCIES/ITEMS FOR THE AREA SELECTED.</p> <p data-bbox="396 1220 782 1257">4. Display Parameters</p> <p data-bbox="492 1293 1049 1373">Allows the user to modify the display parameters for the selected overlays</p> <p data-bbox="492 1409 1094 1570">The display parameters are the attributes of the overlay and determine how the selected overlay will appear to the user when drawn.</p> <p data-bbox="492 1608 1123 1688">Includes the scale, symbol, line, color, fill, and label</p> <p data-bbox="492 1724 1107 1843">NOTE: The Display Parameters option can also be accessed through “<i>Select</i>” on the Menu Bar or Ctrl + P.</p>	

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<p>HAVE STUDENTS OPEN THE DISPLAY PARAMETERS DIALOG BOX.</p> <p>5. Mark Point</p> <p>Allows the user to select a point on the map/view display by using the mouse</p> <p>NOTE: The Mark Point option can also be accessed through “<i>Aviation</i>” on the Menu Bar or Ctrl + M.</p> <p>Only one point can be marked at a time.</p> <p>HAVE STUDENTS PRACTICE MARKING VARIOUS POINTS TO DISPLAY THE DISPATCH INFORMATION DIALOG BOX.</p> <p>GO THROUGH THE FOLLOWING MENUS ON THE MENU BAR AND DESCRIBE THEIR FUNCTIONS. DETAILED INFORMATION CONCERNING EACH MENU ITEM CAN BE FOUND IN THE IAMS USER GUIDE.</p> <p>B. Menu Bar</p> <p>1. Settings Menu</p> <p>Allows the user to set the startup and display options within IAMS/CAHIS</p> <ul style="list-style-type: none"> • Short Help <p>Allows the user to turn the short help on or off</p> • Legend <p>Allows the user to turn the legend on or off</p> 	

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<p>The legend lists the selected overlays and the associated color and/or symbol for each.</p> <p>The legend may not be needed in the office but is useful if printed and posted.</p> <p>The legend can be moved using the click and drag procedure.</p> <ul style="list-style-type: none"> • Scale Bar <p>Allows the user to turn the scale bar on or off</p> <p>The scale bar shows the linear distance of the current view.</p> <p>Include if you are printing a map.</p> <p>The scale will change with the zoom feature.</p> • Initial Map <p>Allows the user to identify the initial map; which is the map (or set of overlays) that will appear on the screen whenever the IAMS/CAHIS application is started</p> <p>The last map saved is the map that will start up during the next IAMS/CAHIS launch.</p> 	

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<ul style="list-style-type: none"> Initial View <p>Allows the user to identify the initial view; this is the view (or geographic area) that will appear on the screen whenever the IAMS/CAHIS application is started.</p> <p>HAVE STUDENTS SELECT “MAP” ON THE MENU BAR. CLICK “SAVE AS” TO DISPLAY THE SAVE MAP DEFINITION DIALOG BOX. TYPE IN “TEST” AND CHOOSE “OK.”</p> <p>HAVE STUDENTS SELECT “VIEW” ON THE MENU BAR. CLICK “SAVE AS” TO DISPLAY THE SAVE VIEW DEFINITION DIALOG BOX. TYPE IN “TEST” AND CHOOSE “OK.”</p> <p>HAVE STUDENTS SELECT “SETTINGS” ON THE MENU BAR. CLICK “INITIAL MAP” TO DISPLAY THE OPEN MAP DEFINITION DIALOG BOX. SELECT “TEST” AND CHOOSE “OK.”</p> <p>HAVE STUDENTS SELECT “SETTINGS” ON THE MENU BAR. CLICK “INITIAL VIEW” TO DISPLAY THE OPEN VIEW DEFINITION DIALOG BOX. SELECT “TEST” AND CHOOSE “OK.”</p> <p>HAVE STUDENTS EXIT AND RELAUNCH THE IAMS/CAHIS PROGRAM. THE “TEST” MAP SHOULD BE DISPLAYED.</p> 	

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<p>WHEN SETTING UP TFR MAPS DISPLAY TFRS AND AIRPORTS. USE THE “SAVE AS” COMMAND TO SAVE THE MAP UNDER A DIFFERENT NAME. RECOMMEND THAT STUDENTS BUILD A GROUP FAX LABELED TFR WHICH INCLUDES AIRPORT MANAGER, FBOS, FAA FLIGHT SERVICES, HELIBASE, TANKER BASE, NEIGHBORING DISPATCH CENTERS, GACC, ETC., TO USE TO DISTRIBUTE TFR INFORMATION.</p> <ul style="list-style-type: none"> • Linear Units <p>Allows the user to select the measure of distance (either in kilometers, statute miles, or nautical miles) that will be displayed in the scale bar</p> <p>Use nautical miles for aircraft dispatching.</p> • Default Font <p>Allows the user to select the font that will be used for the text throughout the IAMS/ CAHIS application, such as in text for the legend and scale bar</p> <p>ADVISE STUDENTS NOT TO WORRY ABOUT CHANGING FONTS.</p> <ul style="list-style-type: none"> • Screen Size <p>Allows the user to enter the width of their computer screen</p> <p>ADVISE STUDENTS NOT TO WORRY ABOUT CHANGING THE SCREEN SIZE.</p>	

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<p data-bbox="396 281 717 317">2. Aviation Menu</p> <p data-bbox="492 354 1097 516">Allows the user to select a point location on the map/view display and obtain aviation information from near that location</p> <ul style="list-style-type: none"> <li data-bbox="492 558 756 594">• Mark Point <p data-bbox="586 632 1052 667">Same as that on the Button Bar</p> <ul style="list-style-type: none"> <li data-bbox="492 709 756 745">• Enter Point <p data-bbox="586 783 1114 863">Allows the user to select a point by entering coordinates of the location</p> <p data-bbox="586 900 1114 1020">When “Enter Point” is selected, the Convert Coordinates dialog box from the Tools Menu is displayed.</p> <p data-bbox="204 1058 1089 1220">REVIEW THE CONVERT COORDINATES DIALOG BOX WITH STUDENTS TO SHOW HOW IAMS/CAHIS CONVERTS FROM ONE COORDINATE TYPE TO ANOTHER.</p> <ul style="list-style-type: none"> <li data-bbox="492 1262 721 1297">• Dispatch <p data-bbox="586 1335 1089 1415">Displays the dispatch information for the previously defined point</p> <p data-bbox="204 1453 1057 1614">HAVE STUDENTS SELECT THE “DISPATCH” BUTTON FROM THE CONVERT COORDINATES DIALOG BOX. GO OVER THE DISPATCH INFORMATION DIALOG BOX.</p> <ul style="list-style-type: none"> <li data-bbox="492 1656 711 1692">• Hazards <p data-bbox="586 1730 1118 1810">Displays the hazard information for the previously defined point</p>	

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<p>HAVE STUDENTS SELECT THE “HAZARDS” BUTTON FROM THE DISPATCH INFORMATION DIALOG BOX. NOTE THAT THE “HAZARDS” BUTTON CAN ALSO BE ACCESSED FROM THE CONVERT COORDINATES DIALOG BOX.</p> <ul style="list-style-type: none"> Settings <p>Allows the user to set the search distances that are used for the Dispatch and Hazards options</p> <p>HAVE STUDENTS SELECT “SETTINGS” FROM THE AVIATION MENU. NOTIFY STUDENTS THAT EACH OF THE 13 TYPES OF DISPATCH FACILITIES HAS A SEARCH DISTANCE ASSOCIATED WITH IT. TO CHANGE THE SEARCH DISTANCE FOR A DISPATCH FACILITY, SELECT THE TYPE OF DISPATCH FACILITY FROM THE DROP-DOWN LIST AND ENTER THE NEW SEARCH DISTANCE.</p> <p>The distance default is set to 99 NM.</p> <p>HAVE STUDENTS SET THE AVIATION SEARCH DISTANCES FOR THIS POINT TO 25 NM. STUDENTS ARE NOT TO CHANGE THE DEFAULT. ONCE CHANGED, STUDENTS SHOULD “SAVE” AND “CLOSE” THE DIALOG BOX.</p> <p>HAVE STUDENTS SELECT “HAZARDS” FROM THE AVIATION MENU. NOTE THAT THE DISTANCE TO HAZARDS IS NOW 25 NM.</p> <p>3. Tools Menu</p> <p>Allows the user to obtain information about locations, as well as create a TFR</p>	

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<ul style="list-style-type: none"> Distance Same as that on the Button Bar Print Distance Allows the user to print the Distance Results information from the previous session using the Distance tool Enter/Edit TFR Allows the user to create a new or edit an existing TFR 	
<p>WALK STUDENTS THROUGH THE TFR GUIDE, APPENDIX C, AS INSTRUCTION FOR ENTERING/EDITING A TFR.</p>	SW Appendix C
<ul style="list-style-type: none"> Organization Entity (OE) Allows the user to enter or edit information about the user's "organizational entity" or office 	
<p>ADVISE STUDENTS THAT THIS INFORMATION IS USED WHEN A TFR IS CREATED AND SAVES THE USER FROM RE-ENTERING THE INFORMATION EACH TIME. DO NOT HAVE STUDENTS PERFORM THIS FUNCTION IN THE CLASSROOM, BUT THEY SHOULD BE ADVISED TO DO SO AT THEIR HOME UNITS.</p>	
<ul style="list-style-type: none"> Airport/Airbase Allows the user to display airport and airbase information 	

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<p>REFER STUDENTS TO WWW.AIRNAV.COM. THIS WEB SITE HAS ADDITIONAL INFORMATION ABOUT AIRPORTS/AIRBASES.</p> <ul style="list-style-type: none"> • Aviation Boundaries Displays a list of aviation boundary information • Military Training Routes Displays a list of MTR information • Navigation Aids Displays a list of navigation aids information • Special-Use Airspaces Displays a list of SUA information • Convert Coordinates Same as discussed when entering a point <p>4. Zoom Allows the user to change the geographic area that is displayed (the view)</p> <ul style="list-style-type: none"> • Zoom In Allows the user to magnify an area of interest with the view 	

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<ul style="list-style-type: none"> • Recenter <p>Allows the user to center the view display on a new point—redraws the map</p> • Recenter Active <p>Allows the user to center the view display on the current “active point”</p> • Map Scale <p>Allows the user to select a new scale for the view</p> • Maximum <p>Allows the user to display the maximum area available to view—contiguous United States</p> • History <p>Identifies the previous views that have been displayed within the current IAMS/CAHIS session</p> <p>5. Select Menu</p> <p>Allows the user to select the overlays, modify the display parameters, select the background color of the display, redraw the display, and reopen the current map</p> <ul style="list-style-type: none"> • Overlays <p>Discussed previously under the Button Bar</p> 	

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<ul style="list-style-type: none"> • Display Parameters Discussed previously under the Button Bar • Background Allows the user to change the color of the background of the IAMS/CAHIS screen display 	
<p>RECOMMEND TO STUDENTS TO KEEP THE BACKGROUND WHITE.</p>	
<ul style="list-style-type: none"> • Redraw Clears the screen and then redraws the current map on the screen • Re-Open Current Map Clears the screen and reopens the current map and draws it as if it was just defined. 	
<p>6. Map Menu</p> <p>Allows the user to create, open, save, or delete a map file (the set of overlays selected by the user), send the map or screen display to a printer, select the printer for printing the map or text, see the information about the version of the software, or exit IAMS/CAHIS</p> <ul style="list-style-type: none"> • New Opens a new map and allows the user to select overlays to create a new map 	

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<ul style="list-style-type: none"> • Open Allows the user to open an existing map definition file, which is then displayed • Save As Allows the user to save the current map • Delete Allows the user to delete a selected map definition file • Print Map Prints the displayed map/view, including the informational line at the bottom of the IAMS/ CAHIS window • Print Screen Prints the entire IAMS/CAHIS window • Select Map Printer Sets the printing parameters that IAMS/CAHIS uses to print the map/view that is displayed • Select Text Printer Sets the printing parameters that IAMS/CAHIS uses to print the text information that is displayed 	

OUTLINE	AIDS & CUES
<ul style="list-style-type: none"> • About Maps Displays version number, release date, and comments • Exit Closes the IAMS/CAHIS application and returns the user to the last accessed location in Windows <p>7. View Menu</p> <p>Allows the user to create, open, save, or delete a view file (the geographic area that was selected by the user)</p> <ul style="list-style-type: none"> • New Opens a new view, the Maximum view, which displays the entire area of the contiguous lower 48 United States • Open Allows the user to open an existing view definition file, which is then displayed • Save As Allows the user to save the current view • Delete Allows the user to delete a selected view definition file 	

AIRCRAFT DISPATCHER

UNIT 7 – IAMS/CAHIS

INSTRUCTOR REFERENCES

<u>Reference No.</u>	<u>Description</u>
07-01-ACDP-IR	Exercise 1
07-02-ACDP-IR	Exercise 2
07-03-ACDP-IR	Exercise 3
07-04-ACDP-IR	Exercise 4
07-05-ACDP-IR	Exercise 5
07-06-ACDP-IR	Exercise 6
07-07-ACDP-IR	Exercise 7

NOTES

EXERCISE 1

An incomplete Aircraft Resource Order is provided for this exercise. As the ACDP, you have received the following request for aircraft: 2 Airtankers, 1 Lead plane, and 1 Air Attack.

WALK STUDENTS THROUGH THE IAMS/CAHIS PROCESS.

HAVE STUDENTS:

LAUNCH THE IAMS/CAHIS PROGRAM IN THE INITIAL MAP/INITIAL VIEW MODE.

1. Using the latitude and longitude from the Resource Order and IAMS/CAHIS, complete
 - Block 6
 - Block 11
 - Three VORs
 - Closest reload base
 - Other aircraft/hazards within 5 NM

SELECT “AVIATION” FROM THE MENU BAR.

SELECT “ENTER POINT” FROM THE DROP-DOWN MENU.

SELECT THE LAT/LONG (DEGS MINS SECS) OPTION. ADVISE STUDENTS TO USE ZEROES FOR THE SECONDS.

ENTER THE LATITUDE AND LONGITUDE FROM THEIR AIRCRAFT RESOURCE ORDER FOR THIS EXERCISE AND CONVERT.

DOCUMENT THE BLOCK 6 INFORMATION AFTER CONVERTING.

SELECT THE “DISPATCH” BUTTON FROM THE CONVERT COORDINATES DIALOG BOX. FROM THE DISPATCH

INFORMATION DIALOG BOX, HAVE STUDENTS COMPLETE THE VOR AND CLOSEST RELOAD BASE INFORMATION IN BLOCK 11.

FROM THE DISPATCH INFORMATION BLOCK, COMPLETE THE CLOSEST FORCE USING THE VARIOUS DISPATCH FACILITIES.

2. Using IAMS/CAHIS, determine the closest force for each resource requested (default setting of 500 NM). Document the dispatch center of the closest resource in the TO/FROM box in Block 12.

SELECT THE “HAZARDS” BUTTON FROM THE DISPATCH INFORMATION DIALOG BOX TO COMPLETE THE “OTHER AIRCRAFT/HAZARDS”

CREATE A NEW TFR.

SELECT “TOOLS” FROM THE MENU BAR.

SELECT “ENTER/EDIT TFR” FROM THE DROP-DOWN MENU.

SELECT “CREATE NEW TFR.”

COMPLETE THE TFR PROCESS USING INFORMATION FROM THE RESOURCE ORDER.

3. Deconflict the airspace and create a TFR.

INCIDENT/PROJECT ORDER NUMBER		RESOURCE ORDER ----- AIRCRAFT		INITIAL DATE/TIME 7/13/00 1300		2. INCIDENT/PROJECT NAME GOLDRUSH		3. INCIDENT /PROJECT ORDER NUMBER NV-BMD-123		4. OFFICE REFERENCE NUMBER P47123 N123	
5. DESCRIPTIVE LOCATION/RESPONSE AREA Austin, NV		6. SEC. 02		7. MAP REFERENCE		8. INCIDENT BASE/PHONE NUMBER 775 555-1234		9. JURISDICTION/AGENCY BLM		10. ORDERING OFFICE CNC	
11. AIRCRAFT INFORMATION		LAT. 39 38		LONG. 116 45		RELOAD BASE		OTHER AIRCRAFT/HAZARDS			
BEARING		DISTANCE		BASE OR OMNI		AIR CONTACT		FREQUENCY		GOLDRUSH IC	
157		57		BAM		Goldrush A/A		123.456		BAM	
199		81		BQU						Austin 1 MOA, VR1253 (F:G)	
27		88		MVA							
12. Request Number		Q T Y		From To		Ordered Date/Time		Resource Requested		Needed Date/Time	
A-1		1		AIR TANKER		IA		FIRE		BAM	
A-2		1		AIR TANKER		IA		FIRE		MEV	
A-3		1		LEAD PLANE		IA		FIRE		CXP	
A-4		1		AIR ATTACK		IA		FIRE		WMC	
13. ORDER RELAYED		Req. No.		Date		Time		To/From		ORDER RELAYED	
										Req. No.	
										Date	
										Time	
										To/From	
										ACTION TAKEN	
										ACTION TAKEN	

NOTES

EXERCISE 2

An incomplete Aircraft Resource Order is provided for this exercise. As the ACDP, you have received the following request for aircraft: 2 Airtankers, 1 Lead plane, and 1 Air Attack. Complete the Resource Order by:

1. Using the Township/Range/Section from the Resource Order and IAMS/CAHIS, complete
 - Block 11
 - Three VORs
 - Closest reload base
 - Other aircraft/hazards within 5 NM
2. Using IAMS/CAHIS, determine the closest force for each resource requested (default setting of 500 NM). Document the dispatch center of the closest resource in the TO/FROM box in Block 12.
3. Deconflict the airspace and create a TFR.

EXERCISE 3

An incomplete Aircraft Resource Order is provided for this exercise. As the ACDP, you have received the following request for aircraft: 2 Airtankers, 1 Lead plane, and 1 Air Attack. Complete the Resource Order by:

1. Using the VOR from the Resource Order and IAMS/CAHIS, complete
 - Block 6
 - Block 11
 - Closest reload base
 - Other aircraft/hazards within 5 NM

2. Using IAMS/CAHIS, determine the closest force for each resource requested (default setting of 500 NM). Document the dispatch center of the closest resource in the TO/FROM box in Block 12.

3. Deconflict the airspace and create a TFR.

RESOURCE ORDER		INITIAL DATE/TIME 7/13/00 1300		2. INCIDENT/PROJECT NAME ALKALI		3. INCIDENT /PROJECT ORDER NUMBER OR-DOF-345		4. OFFICE REFERENCE NUMBER P671235 Q125	
AIRCRAFT		5. DESCRIPTIVE LOCATION/RESPONSE AREA ALKALI LAKE		6. SEC. 02 7. MAP REFERENCE		8. INCIDENT BASE/PHONE NUMBER 619 555-2345		9. JURISDICTION/AGENCY State 10. ORDERING OFFICE BIC	
11. AIRCRAFT INFORMATION		LAT. 43 05		LONG. 119 58		OTHER AIRCRAFT/HAZARDS			
BEARING	DISTANCE	BASE OR OMNI	AIR CONTACT	FREQUENCY	RELOAD BASE				
17	43	LKV	Alkali A/A	123.456	RDM	Juniper Low MOA, Juniper South MOA			
219	54	ILR				VR316 D:E:F, IR342 D:E, VR319 GH:I			
122	91	DSD							
12. Request Number	Q T Y	From	RESOURCE REQUESTED	Needed Date/Time	Deliver To	To	Agency ID	RESOURCE ASSIGNED	RELEASED Date To
A-1	1		AIR TANKER	IA	FIRE	RDM			
A-2	1		AIR TANKER	IA	FIRE	LMT			
A-3	1		LEAD PLANE	IA	FIRE	RDM			
A-4	1		AIR ATTACK	IA	FIRE	RDM			
13. ORDER RELAYED		ACTION TAKEN		ORDER RELAYED		ACTION TAKEN			
Req. No.	Date	Time	To/From	Req. No.	Date	Time	To/From		

EXERCISE 4

An incomplete Aircraft Resource Order is provided for this exercise. As the ACDP, you have received the following request for aircraft: 2 Airtankers, 1 Lead plane, and 1 Air Attack. Complete the Resource Order by:

1. Using the latitude and longitude from the Resource Order and IAMS/CAHIS, complete
 - Block 6
 - Block 11
 - Three VORs
 - Closest reload base
 - Other aircraft/hazards within 5 NM
2. Using IAMS/CAHIS, determine the closest force for each resource requested (default setting of 500 NM). Document the dispatch center of the closest resource in the TO/FROM box in Block 12.
3. Deconflict the airspace and create a TFR.

EXERCISE 5

An incomplete Aircraft Resource Order is provided for this exercise. As the ACDP, you have received the following request for aircraft: 2 Airtankers, 1 Lead plane, and 1 Air Attack. Complete the Resource Order by:

1. Using the Township/Range/Section from the Resource Order and IAMS/CAHIS, complete
 - Block 11
 - Three VORs
 - Closest reload base
 - Other aircraft/hazards within 5 NM
2. Using IAMS/CAHIS, determine the closest force for each resource requested (default setting of 500 NM). Document the dispatch center of the closest resource in the TO/FROM box in Block 12.
3. Deconflict the airspace and create a TFR.

EXERCISE 6

An incomplete Aircraft Resource Order is provided for this exercise. As the ACDP, you have received the following request for aircraft: 2 Airtankers, 1 Lead plane, and 1 Air Attack. Complete the Resource Order by:

1. Using the VOR from the Resource Order and IAMS/CAHIS, complete
 - Block 6
 - Block 11
 - Closest reload base
 - Other aircraft/hazards within 5 NM
2. Using IAMS/CAHIS, determine the closest force for each resource requested (default setting of 500 NM). Document the dispatch center of the closest resource in the TO/FROM box in Block 12.
3. Deconflict the airspace and create a TFR.

EXERCISE 7

An incomplete Aircraft Resource Order is provided for this exercise. As the ACDP, you have received the following request for aircraft: 2 Airtankers, 1 Lead plane, and 1 Air Attack. Complete the Resource Order by:

1. Using the latitude and longitude from the Resource Order and IAMS/CAHIS, complete
 - Block 6
 - Block 11
 - Three VORs
 - Closest reload base
 - Other aircraft/hazards within 5 NM
2. Using IAMS/CAHIS, determine the closest force for each resource requested (default setting of 500 NM). Document the dispatch center of the closest resource in the TO/FROM box in Block 12.
3. Deconflict the airspace and create a TFR.

INCIDENT/PROJECT ORDER NUMBER		RESOURCE ORDER AIRCRAFT		INITIAL DATE/TIME 7/13/00 1300		2. INCIDENT/PROJECT NAME LIVERMORE				3. INCIDENT /PROJECT ORDER NUMBER CA-SCU-0515				4. OFFICE REFERENCE NUMBER P56345 U345																	
5. DESCRIPTIVE LOCATION/RESPONSE AREA Livermore, CA						6. SEC. 16		7. MAP REFERENCE		8. INCIDENT BASE/PHONE NUMBER 707 615-5432		9. JURISDICTION/AGENCY State		10. ORDERING OFFICE NO																	
						TWN 3S		RNG 4E		Base MDM M																					
11. AIRCRAFT INFORMATION						LAT. 37 40		LONG. 121 32		GROUND CONTACT Livermore IC		FREQUENCY 170.00		RELOAD BASE SCK		OTHER AIRCRAFT/HAZARDS R2531															
BEARING 224		DISTANCE 20		BASE OR OMNI ECA		AIR CONTACT Livermore A/A		FREQUENCY 123.456																							
33		26		SJC																											
260		27		MOD																											
12. Request Number		Q T Y		From To		RESOURCE REQUESTED		Needed Date/Time		Deliver To		Agency ID		Time From To		RELEASED Date To		ETA Time													
A-1		1				AIR TANKER		IA		FIRE		SCK																			
A-2		1				AIR TANKER		IA		FIRE		307																			
A-3		1				LEAD PLANE		IA		FIRE		307																			
A-4		1				AIR ATTACK		IA		FIRE		307																			
13. ORDER RELAYED						ACTION TAKEN						ORDER RELAYED						ACTION TAKEN													
Req. No.		Date		Time		To/From		Req. No.		Date		Time		To/From		Req. No.		Date		Time		To/From		Req. No.		Date		Time		To/From	